OWNER'S CERTIFICATION

Minimum BMPs for All Construction Sites

Form **OC1**

Project Name _____ Project Location _____	BUILDING/GRADING PERMIT NUMBER
Owner Name _____ Address _____ Phone _____ FAX/Email _____	Contractor Name _____ Address _____ Phone _____ FAX/Email _____

The National Pollutant Discharge Elimination System (NPDES) is the portion of the Clean Water Act that applies to the protection of receiving waters. Under permits from the Los Angeles Regional Water Quality Control Board (RWQCB), certain activities are subject to RWQCB enforcement. To meet the requirements of the Los Angeles County Municipal Stormwater Permit (CAS004001), minimum requirements for sediment control, erosion control and construction activities must be implemented on each project site. Minimum requirements include:

SEDIMENT CONTROL: Eroded sediments from areas disturbed by construction and from stockpiles of soil shall be retained on site to minimize sediment transport from the site to streets, drainage facilities or adjacent properties via runoff, vehicle tracking or wind.

WET WEATHER EROSION CONTROL PLAN (WWECP): Is required for projects one acre or more that will have construction occur during the wet season (Oct. 1st-April 15th).

HILLSIDE: Construction upon slopes 15% or more requires the implementation of additional BMPs to protect slopes and prevent erosion and sediment runoff.

CONSTRUCTION MATERIALS CONTROL: Construction related materials, wastes, spills or residues shall be retained on site to minimize transport from the site to streets, drainage facilities or adjoining properties by wind or runoff. Runoff from equipment and vehicle washing shall be contained at construction sites unless treated to remove sediment and pollutants.

NON-STORMWATER RUNOFF: Non-stormwater runoff from equipment and vehicle washing and any other activity shall be contained at the project site.

EROSION: Erosion from slopes and channels shall be controlled by implementing an effective combination of BMPs (as approved in Regional Board Resolution No. 99-03), such as the limiting of grading scheduled during the wet season; inspecting graded areas during rain events; planting and maintenance of vegetation on slopes; and covering erosion susceptible slopes.

Minimum BMPs include: (1) Soil piles must be covered with tarps or plastic, (2) leaking equipment must be repaired immediately, (3) refueling must be conducted away from catch basins, (4) catch basins must be protected when working nearby, (5) vacuum all concrete saw cutting, (6) never wash concrete wastes into the street, (7) keep the site clean, sweep the gutters at the end of each working day and keep a trash receptacle on site.

As the architect/engineer of record, I have selected appropriate BMPs to effectively minimize the negative impacts of this project's construction activities on storm water quality. The project owner and contractor are aware that the selected BMPs shall be installed, monitored and maintained to ensure their effectiveness. The BMPs not selected for implementation are redundant or deemed not applicable to the proposed construction activity.

Signature of Project Architect, Engineer of Record, or Qualified Designee _____

Printed Name Title Date

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that submitting false and/or inaccurate information, failing to update the BMPs or LSWPPP to reflect conditions, or failing to properly and/or adequately implement the BMPs may result in revocation of grading and/or other permits or other sanctions provided by law.

Signature of Landowner, or Landowner's Agent _____

Printed Name Title Date

FORM
PC

STORM WATER PLANNING PROGRAM
PRIORITY PROJECT CHECKLIST

Project Name	Owner Name	Developer Name
Project Address	Owner Address	Developer Address
Do not write in this box	Owner Phone	Developer Phone

Part 1 - Type of Project

Does the proposed project fall into one of the following categories?	Yes	No
1) A new development of 10 or more unit homes, including single and multiple family homes,condominiums, apartments, etc.		
2) A new industrial or commercial development with 1 acre or more of impervious surface.		
3) A new automotive service facility.		
4) A new retail gasoline outlet.		
5) A new restaurant.		
6) A new parking lot with either 5,000 square feet of impervious surface or with 25 or more parking spaces.		
7) A new hillside project - (one acre or more of surface area).		
8) Redevelopment projects as defined on back.		
9) Project located in, adjacent to or discharging directly to an ESA (defined on back) AND creates 2,500 square feet or more of impervious surface area.		

If checked "Yes", Numerical Criteria will apply to items 1,2,6-9 and items 3-5 with project areas of 5,000 square feet or more of surface area.
If any of the boxes in Part 1 are checked "Yes", this project will require the preparation of a Standard Urban Stormwater Mitigation Plan.

Part 2 - Project Specific Concerns

Does the proposed project include any of the following elements?	Yes	No
1) Vehicle or equipment fueling areas (retail or private)		
2) Vehicle or equipment maintenance areas, including repair or washing		
3) Commercial or industrial waste handling or storage		
4) Outdoor handling or storage of hazardous materials		
5) Outdoor manufacturing areas		
6) Outdoor food handling or processing		
7) Outdoor animal care, confinement, or slaughter		
8) Outdoor horticulture activities		

If any of the boxes in Part 2 are checked "Yes", this project will require the preparation of a Site Specific Stormwater Mitigation Plan. If boxes in Parts 1 and 2 are both checked "Yes", a combined urban stormwater plan will need to be submitted.

Applicant Name *Applicant Title* *Applicant Signature* *Date*

cc: One copy of document to Public Works

Definitions:

Pervious surfaces are those that allow storm water runoff to percolate through. Typical pervious surfaces include: grass, gravel, concrete pavers, and some specially designed asphalts.

Hillside means property where the slope is 25% or greater and where grading contemplates cut or fill slopes.

Redevelopment means land-disturbing activity that results in the creation, addition, or replacement of 5,000 square feet or more of impervious surface area on an already developed site. Redevelopment includes, but is not limited to: the expansion of a building footprint; addition or replacement of a structure; replacement of impervious surface area that is not part of a routine maintenance activity; and land disturbing activities related to structural or impervious surfaces. It does not include routine maintenance to maintain original line and grade, hydraulic capacity, or original purpose of facility, nor does it include modifications to existing single family structures, or emergency construction activities required to immediately protect public health and safety.

Environmentally Sensitive Areas (ESAs) means an area in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which would be easily disturbed or degraded by human activities and developments. Also, an area designated by the City as approved by the Regional Water Quality Control Board.

Form
P1

STORM WATER PLANNING PROGRAM
PRIORITY DEVELOPMENT/REDEVELOPMENT PROJECTS

Project Name _____

Project Location _____

Company Name _____

Address _____

Contact Name / Title _____

Phone / FAX/Email _____

General Project Certification

A completed original of this form must accompany all SUSMP submittals

Best Management Practices (BMPs) have been incorporated into the design of this project to accomplish the following goals:

1) Minimize impacts from storm water runoff on the biological integrity of Natural Drainage Systems and water bodies in accordance with requirements under CEQA (Cal. Pub. Resources Code § 21100), CWC § 13369, CWA § 319, CWA § 402(p), CWA § 404, CZARA § 6217(g), ESA § 7, and local government ordinances .

2) Maximize the percentage of permeable surfaces to allow more percolation of storm water into the ground.

3) Minimize the amount of storm water directed to impermeable surfaces and to the MS4.

4) Minimize pollution emanating from parking lots through the use of appropriate Treatment Control BMPs and good housekeeping practices.

5) Properly design and maintain Treatment Control BMPs in a manner that does not promote breeding of vectors.

6) Provide for appropriate permanent measures to reduce storm water pollutant loads in stormwater from the development site.

I certify that this Standard Urban Storm Water Mitigation Plan and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. The information contained herein is, to the best of my knowledge and belief, true, accurate and complete.

Property Owner / Developer (signature)	***Property Owner / Developer (printed)***	***Title***	***Date***

Post Construction / Maintenance Certification

Proper operation of Best Management Practices (BMPs) is an important component of reducing pollutants in urban and storm water runoff. As the responsible party, I certify that the BMPs will be implemented, monitored and maintained to ensure their continued effectiveness. In the event of a property transfer, the new owner will be notified of the BMPs in use at this site and must include written conditions in the sales or lease agreement, which requires the recipient to assume responsibility for maintenance and conduct a maintenance inspection at least once a year.

Property Owner (signature)	***Property Owner (printed)***	***Title***	***Date***

Signatory requirements:

This section shall be signed by the landowner. If the landowner is not an individual, the signatures may be from a corporate officer, a manager if the authority to sign has been delegated to the manager, a general partner, or a sole proprietor.

Planning Best Management Practices

Project	BMP Name and Reference Number	Check if BMP is to be used
Car Wash Facility	SD 33-Vehicle Washing Areas	
Constructed Wetlands	TC 21-Constructed Wetlands	
Control of Impervious Runoff	N/A	
Efficient Irrigation	TC 12-Retention/Irrigation	
Energy Dissipation	EC 10-Velocity Dissipation Devices	
Extended Detention Basins	TC 22- Extended Detention Basin	
Infiltration Basins	TC 11-Infiltration Basin	
Infiltration Trenches	TC 10-Infiltration Trench	
Inlet Trash Racks	N/A	
Landscape Design	SD 10-Site Design & Landscape Planning	
Linings for Urban Runoff Conveyance Channels	N/A	
Materials Management/Processing	SC 30-Outdoor Loading and Unloading SD 36-Outdoor Processing Areas	
Media Filtration	MP 40-Media Filter	
Motor Fuel Dispensing Areas Pads and Canopy	SC 20-Vehicle and Equipment Fueling SD 30-Fueling Areas	
Outdoor Storage	SC 31-Outdoor Liquid Container Storage SC 33-Outdoor Storage of Raw Materials SD 34-Outdoor Material Storage Areas	
Porous Pavement ans Alternative Surfaces	SD 20-Pervious Pavements	
Protect Slopes and Channels	EC 11-Slope Drains	
Storm Drain System Signage and Stencils	SD 13-Storm Drain Signage	
Trash Container Areas	SD 32-Trash Storage Areas	
Vegetated Swales and Strips	TC 30-Vegetated Swale TC 31-Vegetated Buffer Strip	
Vehicle and Equipment Maintenance and Repair	SC 22-Vehicle & Equipment Repair SD 31-Maintenance Bays and Docks	
Vehicle and Equipment Washing	SC 21-Vehicle & Equipment Cleaning SD 33-Vehicle Washing Areas	
Water Quality Inlets	TC 50-Water Quality Inlets	
Wet Ponds	TC 20 Wet Ponds	

For more information or other BMP's please refer to the California Best Management Practices Handbooks which can be found at: www.cabmphandbooks.org

Storm Water Treatment Certification

FORM **P2**

Site Name and Address

Approximate Project* Characteristics

Roofed Area	sq. ft.
Roadway/Parking Area (exposed)	sq. ft.
Landscaped/Vegetation	sq. ft.
Other Ground Level Impervious Areas (Ex: outdoor work or storage areas)	sq. ft.
Other: (describe)	sq. ft.
Total:	sq. ft.

Structural/Treatment BMP's (Attach additional sheets as necessary.)

Area Designation (must correspond to designation on plans)	Area (Square Feet)	Average Impervious Factor	Estimated Runoff from 0.2"/hr Rainfall	Anticipated Potential Pollutants	Type of BMP (Include model number if any)	BMP Location (Briefly describe)	Design Treatment Capacity

By stamping this form, I acknowledge that each treatment BMP is provided with adequate bypass or overflow so as not to contribute to localized flooding.

Total Project Area: sq. ft.

*** If project alters 50% or more of the existing site, the total area subject to treatment must equal that of the entire site.**

Affix Registered Engineer Wet Ink Stamp Here.

I certify that I am a Professional Engineer or Licensed Architect registered in the State of California, and that the treatment methods and capacities herein comply with the requirements established by the California Regional Water Quality Control Board, Los Angeles Region, and the State Water Resources Control Board for Standard Urban Stormwater Mitigation Plans (SUSMP).

Print Name **Signature** **Date**

Minimum BMP Requirements for Construction Activities for All Development Construction Projects

The following is intended for construction and grading plans and represent the minimum standards of good housekeeping which must be implemented on all construction sites regardless of size.

- Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheetflow, swales, area drains, natural drainage courses or wind.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind and water.
- Fuels, oils, solvents and other toxic materials must be stored in accordance with their listing and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.
- Non-storm water runoff from equipment and vehicle washing and any other activity shall be contained at the project site.
- Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can disposed of as solid waste.
- Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

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WM-1 MATERIAL DELIVERY AND STORAGE

Provide a material storage area with secondary containment and/ or weather protection. Note the maintenance practices and schedule proposed for this area.

WM-2 MATERIAL USE

Hazardous materials, fertilizers, pesticides, plasters, solvents, paints, and other compounds must be properly handled in order to reduce the risk of pollution or contamination. Training and information on procedures for the proper use of all materials must be available to the employees that apply such materials.

WM-4 SPILL PREVENTION AND CONTROL

Identify spill prevention and control measures that will be taken for all proposed materials. Identify the methods, by which accidental spills will be cleaned and properly disposed of.

WM-5 SOLID WASTE MANAGEMENT

Provide designated waste collection areas and containers. Arrange for regular disposal. Provide covered storage with secondary containment. Containers are required to protect waste from rain to prevent water pollution and prevent wind dispersal.

WM-6 HAZARDOUS WASTE MANAGEMENT

Hazardous materials must be disposed of in accordance with State and Federal regulations. Identify the proposed methods of disposal and any special handling contracts that may be applicable.

WM-7 CONTAMINATED SOIL MANAGEMENT

Prevent or reduce the discharge of pollutants to stormwater from contaminated soil and highly acidic or alkaline soils by conducting pre-construction surveys, inspecting excavations regularly, and remediating contaminated soil prompltly.

WM-8 CONCRETE WASTE MANAGEMENT

Store dry and wet materials under cover. Avoid on-site washout except in designated areas away from drains, ditches, streets, and streams. Concrete waste deposited on site shall set-up, be broken apart, and disposed of properly. Containment and proper disposal is required for all concrete waste.

WM-9 SANITARY / SEPTIC WASTE MANAGEMENT

Untreated raw wastewater is not to be discharged or buried. Sanitary sewer facilities on site are required to be in compliance with local health agency requirements. Sanitary or septic wastes must be treated or disposed of in accordance with State and local requirements.

TC-1 STABILIZED CONSTRUCTION ENTRANCE

A stabilized entrance is required for all construction sites to ensure that dirt and debris are not tracked onto the road or adjacent property. Maintenance of such a system is required for the duration of the project. Such stabilization may be of rock or paved.

SE-1 SILT FENCE
SE-3 SEDIMENT TRAP
SE-8 SAND BAGS

Eroded sediments must be retained on site and not permitted to enter the drainage system. May be waived at the sole discretion of the City Inspector if other erosion control BMPs are deemed sufficient.

- Additional BMPs may be required if deemed necessary by inspector